

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	enzyme same (fatty adj; acid adj ester) same (fat? or oil?) same fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:02
S2	691	((enzyme or lipase) same (alkyl acetate) same (fat? oil?))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:11
S3	3	((enzyme or lipase) same (alkyl adj acetate) same (fat? oil?))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:12
S4	2	((enzyme or lipase) same (methyl adj acetate) same (fat? oil?))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:13
S5	32	transesterification same (alkyl adj acetate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:16
S6	6	SS and enzyme	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:17
S7	8	(carboxylic adj; acid adj esters) same (fat? oil?) same lipase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:30
S8	0	biodiesel same lipase same (carboxylic adj; acid adj esters)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 15:33

S9	2	("6359157").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 18:14
S10	4	("3255108").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 18:39
S11	22533	acylating with agent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 18:40
S12	0	S11 same (carboxylic adj acid adj ester) same transesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 18:41
S13	367	S11 same (carboxylic adj acid adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 18:41
S14	34	S13 and transesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 18:42
S15	2	("3346354").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 19:04
S16	0	("s11and11").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 19:05
S17	22533	acylating with agent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 19:05

S18	0	S17 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 19:05
S19	5	("3381022").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 19:07
S20	4	("4128488").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 19:08
S21	2	("20060257986").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 17:30
S22	0	("biodieselwithenzyme").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 18:06
S23	9	biodiesel with enzyme with catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 18:06
S24	15883	transesterification and acetate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 08:33
S25	10511	(\$esterification and (fat? or oil?) and acetate and enzyme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 08:34
S26	447	S25 and (fatty adj acid near2 alkyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 08:35

S27	43	S26 and (candida or rhizomucor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 08:36
S28	34	"5219733"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 08:57
S29	0	(fat? or oil?) and (candida or rhizomucor) and (metyl near2 acetate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:12
S30	0	(fat? or oil?) and (lipase or enzyme) and (metyl near2 acetate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:13
S31	1	(fat? or oil?) and (metyl near2 acetate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:13
S32	43	lipozyme adj rm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:27
S33	36297	(fat? or oil?) same ((ethyl adj acetate) or (methyl adj formate) or (propionate) or (butyrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:41
S34	13	S33 and "I43"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:41
S35	2	S33 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:41

S36	260	novozym adj "435"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:43
S37	13	S33 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:43
S38	0	S33 and (candida adj antarctica) and (rhizomucor adj miehei)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:50
S39	1505	S33 and lipase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:51
S40	154	S39 and (fatty adj acid adj alkyl adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:52
S41	206	S39 and (fatty adj acid adj methyl adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:53
S42	168	S41 and Sesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 09:54
S43	2	"6933398"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 10:59
S44	254	554/169.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:46

S45	10511	(\$esterification and (fat? or oil?) and acetate and enzyme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:49
S46	7	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:49
S47	9	glycerol near2 methyl near3 formate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:57
S48	0	glycerol near2 tri adj methyl adj formate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:58
S49	2	tri adj methyl adj formate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:58
S50	11446	triacetin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:59
S51	609	S50 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:59
S52	3	S51 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 07:59
S53	21	transesterification with S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 08:01

S54	31	lower near2 alkyl near2 triglyceride near2 ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 08:09
S55	10	transesterification with (lower near2 alkyl near2 triglyceride near2 ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 08:10
S56	1	S44 and transesterification and (lower near2 alkyl near2 triglyceride near2 ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 08:12
S57	2	"20060257986"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 15:23
S58	265	554/174.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 16:47
S59	0	S58 and transesterification and (lower near2 alkyl near2 triglyceride near2 ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 16:48
S60	17	((WEI) near2 (DU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 16:48
S61	2	((YUANYUAN) near2 (XU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 16:49
S62	3	((DEHUA) near2 (LIU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 16:50

9/ 22/ 2008 4:56:43 PM

C:\Documents and Settings\ycutliff\My Documents\EAST\Workspaces\10549336.wsp